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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/603,415 Confirmation No.: Unknown  
First Named Inventor: Barton, Roger W. Filing Date: 24 June 2003  
Group Art Unit: Unknown Examiner: Unknown  
Atty. Docket No.: CT-S090-1D US Candescent Docket No.: CT-S090-1D  
Title: Structure and Fabrication of Flat-Panel Display Having Spacer with  
Rough Face for Inhibiting Secondary Electron Escape  
Assignees: Candescent Technologies Corporation,  
Candescent Intellectual Property Services, Inc., and  
Advanced Technology Materials, Inc.

Mountain View, California  
3 October 2003

**COMMISSIONER FOR PATENTS**  
**PO Box 1450**  
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**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(b)**

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, each document listed on the accompanying substitute PTO Form 1449 is called to the attention of the Examiner for the above patent application. A copy of each listed document is enclosed. Also enclosed is a copy of an English abstract of Japanese Patent Publication 8-7811.

Further enclosed is a copy of the International Search Report on International Patent Application PCT/US99/29354 corresponding to U.S. patent application 09/210,085, the parent of the above application.

Citation of each listed document shall not be construed as:

1. an admission that the document is necessarily prior art with respect to the instant invention;

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2. a representation that a search has been made, other than as described herein;  
or
3. an admission that the information cited herein is, or is considered to be,  
material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is submitted under the provisions of  
37 CFR 1.97(b).

**EXPRESS MAIL LABEL NO.:**

**EV 337 115 680 US**

Respectfully submitted,

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					24 June 2003		Unknown	

  

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BA	6,168,737	01/2001	Poco et al.	264	129	
	BB	6,222,313 B1	04/2001	Smith et al.	313	495	
	BC	6,353,280 B1	03/2002	Shibata et al.	313	292	
	BD						

  

Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	BE	8-7811	01/1990	Japan				X
	BF							

  

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	BG	Balkenende et al., "High-Voltage Stability Coatings in the Zeus Panel," <u>Philips J. Res.</u> , Vol. 50, No. 314, 1996, pages 407 - 419
	BH	Brinker et al., "Review of sol-gel thin film formation," <u>J. Non-Crystalline Solids</u> , Vols. 147 and 148, 1992, pages 424 - 436
	BI	Brinker et al., "Sol-Gel Thin Film Formation," <u>J. Cer. Soc. Japan, Cent. Mem. Iss.</u> , Vol. 99, No. 10, 1991, pages 862 - 877
	BJ	Brinker, "Sol-Gel Derived Thin Films: Critical Issues," Sandia National Laboratories, Nat'l Tech. Info. Serv., 1986, 18 pages
	BK	Brinker, <u>Sol-Gel Science: The Physics and Chemistry of Sol-Gel Processing</u> (Academic Press), 1990, pages 787-837
	BL	Croitoru et al., "Effect of Composition and Structure Modification of SnO <sub>x</sub> Films on the Electron Secondary Emission," <u>Thin Solid Films</u> , Vol. 116, 1984, pages 327 - 339
	BM	Croitoru et al., "Electrical Conductivity, Physical Density and Secondary Electron Emission of Transparent Conductors," <u>Thin Solid Films</u> , Vol. 125, 1985, pages 113 - 117
	BN	Furneaux et al., "The formation of controlled-porosity membranes from anodically oxidized aluminum," <u>Letters to Nature</u> , Vol. 337, No. 12, Jan. 1989, pages 147 - 149
	BO	Hart, <u>Organic Chemistry, A Short Course</u> (6th ed., Houghton Mifflin Co.), 1983, pages 15 - 17
	BP	Hench et al., "The Sol-Gel Process," <u>Chem. Rev.</u> , Vol. 90, No. 1, pages 33 - 72
	BQ	Hoffman, "Inorganic membrane filter for analytical separations," <u>American Laboratory</u> , Aug. 1989, pages 70 - 73

  

Examiner	Date Considered
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>	

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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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	AB	4,946,592	08/1990	Galaj et al.	210	490	
	AC	5,103,288	04/1992	Sakamoto et al.	357	71	
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
CA	Rittenmyer et al., "Piezoelectric 3-3 Composites," <u>Ferroelectrics</u> , Vol. 41, 1982, pages 189 – 195		
CB	Saggio-Woyansky et al., "Processing of Porous Ceramics," <u>American Ceramic Technology Society Bulletin</u> , Nov. 1992, pages 1674 - 1682		
CC	Seiler, "Secondary Electron Emission," <u>Electron Beam Interactions With Solids</u> , 1982, pages 33 – 42		
CD	Sherman et al., "Refractory Ceramic Foams: A Novel, New High-Temperature Structure," <u>Ceramic Bulletin</u> , Vol. 70, No. 6, 1991, pages 1025 – 1029		
CE	Thomas, "Optical coatings by the sol-gel process," <u>Optics News</u> , Aug. 1986, pages 18 – 22		
CF	"Work Function and Secondary Emission", <u>AIP Handbook</u> (3d ed., McGraw-Hill), 1972, page 9-183		
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